



Empowering the global community through remote sensing training
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Applications of Scenario-Based Ecoforecasting

March 5-9, 2018

USGS Fort Collins Science Center, Fort Collins, CO

As climates shift and change, ecosystems respond in different ways. Assessing the ecological impacts of a changing climate is crucial for natural resource management decision-making. NASA Earth observations can be used to help make these decisions. This five day, in-person training will focus on conducting scenario planning, species distribution modeling, and state-and-transition simulation modeling.

Day 1: Overview of Ecological Forecasting, Projections, and Climate Science Data

March 5

Trainers: Cindy Schmidt and Amber McCullum (NASA ARSET), Jeff Morisette (NISC)

Day 2: Review of Scenario Planning

March 6

Trainers: Brian Miller (USGS) and Gregor Schuurman (NPS)

Day 3: Species Distribution Modeling

March 7

Trainers: Catherine Jarnevich and Brian Miler (USGS)

Day 4: Simulation Modeling

March 8

Trainers: Leonardo Frid (ApexRMS) and Brian Miller (USGS)

Day 5: Group Projects

March 9

Trainers: All